

GROUND - WATER MONITORING

F. Y. 1974

**SPOKANE VALLEY
WASHINGTON**



U.S. ENVIRONMENTAL PROTECTION AGENCY

**1200 Sixth Avenue
Seattle, Washington 98101**

Ground-Water Monitoring
Spokane Area, Washington

In 1973, Region X Environmental Protection Agency initiated its first ground water quality monitoring program. The monitoring was performed under an agreement by the U.S. Geological Survey and the analyses were performed in their laboratories. The purpose of this program is to provide basic water quality information on the quality of ground water in our more important aquifers.

The monitoring in the Spokane area was restricted to wells and springs believed to be developing water from the Spokane aquifer. This aquifer is composed of very permeable gravel that partially fills the Spokane River Valley. This aquifer extends from Pend Oreille Lake in Idaho to its terminus at the Spokane River west of Spokane and at the Little Spokane River north of Spokane.

The Spokane monitoring program consisted in the quarterly sampling of 18 wells and springs. In some cases it was not possible to collect a sample each quarter because some wells were closed down during the winter. EPA also collected a set of duplicate samples in September 1973 and analyzed them for pesticides. The pesticide information is included in the analytical data. The locations of the sampling sites are depicted on Figure 1.

STORET RETRIEVAL DATE 74/11/19

26421101WASH 53630047
47 45 46.0 117 27 27.0
SPOKANE HATCHERY WASH DEPT GAME
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNTER 2111210
2 0000 FEET DEPTH

1

DESCRIPTION

WELL OWNER= WASHINGTON STATE DEPARTMENT OF GAME ; OWNERS # =

WELL LOCATION=SPOKANE COUNTY, SEC 11, T26N, R42E

TYPE WELL=SPRING DEPTH OF WELL=0 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1590FT DEPTH TO WATER=0 FT DATE MEAS=

AQUIFER=SPOKANE GRAVELS WATER USE=FISH HATCHERY

REMARKS=USGS WELL #11015

STORET RETRIEVAL DATE 74/11/14

26421101WASH 53630047
47 45 46.0 117 27 27.0
SPOKANE HATCHERY WASH DEPT GAME
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2
2111210
0000 FEET DEPTH

1

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70300 WAS 1000 DISS-100 C MG/L
73/06/27	10 00		2	10.8	7.60	367	180	22	157	0.00	5	39.0	200
73/09/26	14 20		2	11.0	8.00	360	180	19	157	0.00	1	39.0	100
	14 21		1										
73/12/17	11 45		2	11.0	8.00	354	180	25	151	0.02	0	39.0	100
74/03/19	10 50		2	10.3	7.70	358	170	25	149	0.08	0	37.0	100

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION MG/L	00445 CO3 ION MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/27	10 00		2	20.0	2.40	4.70	0.2	192	0		6	0.00
73/09/26	14 20		2	19.0	2.40	5.10	0.2	191	0		6	0.00
	14 21		1									
73/12/17	11 45		2	19.0	2.60	5.30	0.2	184	0	2.9	6	0.20
74/03/19	10 50		2	20.0	2.50	4.80	0.2	182	0	5.8	6	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTH0 MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/27	10 00		2	20	2.500	0.002	0.020	0.050	0.005	0.009	1	1
73/09/26	14 20		2	19	2.500	0.002	0.020	0.210	0.043	0.048	9	0
	14 21		1									
73/12/17	11 45		2	18	2.300	0.004	0.010	0.040	0.010	0.012	4	0
74/03/19	10 50		2	20	2.000	0.001	0.010	0.260	0.007	0.013	3	0

STORET RETRIEVAL DATE 74/11/14

26421101WASH 53630047
47 45 46.0 117 27 27.0
SPOKANE HATCHERY WASH DEPT GAME
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER 2111210
2 0000 FEET DEPTH

1

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLDRIN WHL SMPL UG/L
73/06/27	10 00		2	0	0	10	0.0	0	0.1	10		
73/09/26	14 20		2	0	0	50	0.0	3	0.0	10		
	14 21		1								0.001K	0.001K
73/12/17	11 45		2	0	1	0	40.0	0	0.0	0		
74/03/19	10 50		2	0	3	20	36.0	2	0.0	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	10 00		2									
73/09/26	14 20		2									
	14 21		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/17	11 45		2									
74/03/19	10 50		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	10 00		2		
73/09/26	14 20		2		
	14 21		1	0.003K	0.001K
73/12/17	11 45		2		
74/03/19	10 50		2		

STORE RETRIEVAL DATE 76/11/19

264212020000 53040000
47 46 11.0 117 25 58.9
SPOKANE COUNTY CLUB
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDFER 2111210
2 0000 FEET DEPTH

2

DESCRIPTION

WELL OWNER=SPOKANE COUNTRY CLUB OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 12, T26N, R42E

TYPE WELL=SPRING DEPTH OF WELL=0 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1590FT DEPTH TO WATER=0 FT DATE MEAS=

AQUIFER=SPOKANE GRAVELS WATER USE=IRRIGATION

REMARKS=USGS WELL #12A15

STORET RETRIEVAL DATE 74/11/14

26421202WASH 53630048
47 46 11.0 117 25 58.0
SPOKANE COUNTRY CLUB
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER 2111210
2 0000 FEET DEPTH

2

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA,DISS MG/L	70300 K. ST. DISS-180 C MG/L
73/06/29	13 50		2	11.8	7.70	301	150	10	137	0.00	3	31.0	165
73/09/26	14 00		2	10.5	8.10	297	150	13	135	0.00	4	31.0	165
	14 01		1										
73/12/17	12 00		2	10.0	8.20	291	140	10	128	0.03	0	29.0	157
74/03/19	10 05		2	9.5	8.00	287	140	9	127	0.05	0	28.0	156

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG,DISS MG/L	00935 PTSSIUM K,DISS MG/L	00930 SODIUM NA,DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORINE CL MG/L	00950 FLUORINE F,DISS MG/L
73/06/29	13 50		2	17.0	2.10	3.30	0.1	167	0		2	0.10
73/09/26	14 00		2	17.0	2.30	3.50	0.1	164	0		3	0.00
	14 01		1									
73/12/17	12 00		2	16.0	2.40	3.40	0.1	156	0	1.6	3	0.20
74/03/19	10 05		2	16.0	2.10	3.20	0.1	155	0	2.5	2	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS,DISS UG/L	01025 CADMIUM CD,DISS UG/L
73/06/29	13 50		2	16	1.300	0.000	0.020	0.050	0.002	0.003	1	1
73/09/26	14 00		2	14	1.100	0.001	0.010	0.150	0.002	0.004	0	0
	14 01		1									
73/12/17	12 00		2	15	0.920	0.004	0.010	0.150	0.007	0.008	5	0
74/03/19	10 05		2	15	1.100	0.002	0.010	0.120	0.003	0.013	2	0

STORET RETRIEVAL DATE 74/11/14

26421202WASH 53630048
 47 46 11.0 117 25 58.0
 SPOKANE COUNTRY CLUB I
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GROUNDWATER 2111210
 2 0000 FEET DEPTH

2

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/29	13 50		2	0	1	30	0.0	1	0.0	30		
73/09/26	14 00		2	0	0	10	0.0	2	0.0	10		
	14 01		1								0.001K	0.001K
73/12/17	12 00		2	0	0	10	0.0	0	0.0	20		
74/03/19	10 05		2	0	7	10	14.0	2	0.0	10		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/29	13 50		2									
73/09/26	14 00		2									
	14 01		1	0.002K	0.060	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/17	12 00		2									
74/03/19	10 05		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/29	13 50		2		
73/09/26	14 00		2		
	14 01		1	0.003K	0.001K
73/12/17	12 00		2		
74/03/19	10 05		2		

SPOKANE INTERVIEW 7/8/11/19

204 30001 50 53000 00
47 50 21.0 117 25 12.0
WASHINGTON DEPT OF GAME
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
2 0000 FEET DEPTH

3

DESCRIPTION

WELL OWNER=WASH. DEPT OF GAME PROPOSED FISH HATCHERY OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC. 7, T26N, R43E

TYPE WELL=SPRING DEPTH OF WELL=0 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1662FT DEPTH TO WATER=0 FT DATE MEAS=

AQUIFER=SPOKANE GRAVELS WATER USE=PROPOSED FISH HATCHERY

REMARKS=USGS WELL # ~~781~~ 781s

STORET RETRIEVAL DATE 74/11/14

26430701WASH 53630050
47 46 21.0 117 25 12.0
WASHINGTON DEPT OF GAME
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2

2111210
0000 FEET DEPTH

3

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA,DISS MG/L	70300 RESIDUE DISS-180 C MG/L
73/06/29	14 30		2	11.2	7.60	305	150	15	137	0.00	4	31.0	168
73/09/26	13 30		2	11.0	8.00	304	150	14	140		1	32.0	166
	13 31		1										
73/12/17	12 50		2	10.0	8.20	294	150	19	130	0.02	0	32.0	165
74/03/19	09 30		2	9.6	8.00	311	150	19	135	0.00	0	32.0	162

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG,DISS MG/L	00935 PTSSIUM K,DISS MG/L	00930 SODIUM NA,DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION MG/L	00445 CO3 ION MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORINE F,DISS MG/L
73/06/29	14 30		2	18.0	2.00	3.20	0.1	167	0		2	0.10
73/09/26	13 30		2	18.0	2.30	3.40	0.1	171	0		2	0.00
	13 31		1									
73/12/17	12 50		2	17.0	2.20	3.30	0.1	159	0	1.6	2	0.20
74/03/19	09 30		2	18.0	2.20	3.10	0.1	165	0	2.6	2	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS,DISS UG/L	01025 CADMIUM CD,DISS UG/L
73/06/29	14 30		2	16	1.300	0.001	0.020	0.050	0.001	0.004	4	1
73/09/26	13 30		2	15	1.100	0.002	0.020	0.150	0.003	0.003	64	0
	13 31		1									
73/12/17	12 50		2	15	0.850	0.005	0.020	0.060	0.005	0.008	3	0
74/03/19	09 30		2	16	1.100	0.002	0.010	0.040	0.003	0.007	2	0

STORET RETRIEVAL DATE 76/11/14

26430701WASH 53630050
47 46 21.0 117 25 12.0
WASHINGTON DEPT OF GAME
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRODATER
2111210
2 0000 FEET DEPTH

3

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LFAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/29	14 30		2	0	0	10	0.0	0	0.0	10		
73/09/26	13 30		2	0	0	10	0.0	1	0.1	10		
	13 31		1								0.001K	0.001K
73/12/17	12 50		2	0	1	10	0.0	0	0.0	0		
74/03/19	09 30		2	0	6	10	36.0	1	0.1	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/29	14 30		2									
73/09/26	13 30		2									
	13 31		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/17	12 50		2									
74/03/19	09 30		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/29	14 30		2		
73/09/26	13 30		2		
	13 31		1	0.003K	0.001K
73/12/17	12 50		2		
74/03/19	09 30		2		

STATE OF IDAHO 1971

200 35000 117 23 21.0
47 45 30.0 117 23 21.0
WANDERMERE INC.
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
.2 0000 FEET DEPTH

4

DESCRIPTION

WELL OWNER=WANDERMERE INC.

OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 5, T26N, R43E

TYPE WELL=SPRING DEPTH OF WELL=0 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1670FT DEPTH TO WATER=0 FT DATE MEAS=

AQUIFER=SPOKANE GRAVELS WATER USE=IRRIGATION

REMARKS=USGS WELL #5L1s

STORET RETRIEVAL DATE 74/11/14

204105012450 51610149
47 46 38.0 117 23 57.0
WANDERMERE INC. 1
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRODATER 2111210
2 0000 FEET DEPTH

4

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70300 RESIDUE DISS-100 UG/L
73/06/29	15 05		2	11.6	7.60	393	190	48	140	0.00	2	44.0	221
73/09/26	13 00		2	12.0	8.00	387	170	38	135	0.00	0	38.0	214
	13 01		1										
73/12/17	13 30		2	11.5	8.10	394	180	42	134	0.05	0	39.0	222
74/03/19	08 30		2	10.8	7.70	391	170	42	131	0.08	0	38.0	217

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/29	15 05		2	19.0	3.00	10.00	0.3	171	0		15	0.20
73/09/26	13 00		2	19.0	3.40	11.00	0.4	165	0		14	0.00
	13 01		1									
73/12/17	13 30		2	19.0	3.30	11.00	0.4	163	0	2.1	14	0.20
74/03/19	08 30		2	19.0	3.30	10.00	0.3	160	0	5.1	14	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/29	15 05		2	38	1.300	0.000	0.000	0.050	0.002	0.006	10	1
73/09/26	13 00		2	40	1.100	0.002	0.010	0.110	0.004	0.005	3	0
	13 01		1									
73/12/17	13 30		2	42	0.950	0.007	0.020	0.090	0.005	0.006	1	0
74/03/19	08 30		2	39	1.100	0.001	0.010	0.050	0.003	0.010	2	0

2000001WALN
47 46 117 21 117
WANDERER INC.
53 WASHINGTON
PACIFIC NORTHWEST
SPokane RIVER BASIN
GROUNDWATER
2111210
0000 FEET DEPTH

4

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR, DISS UG/L	01040 COPPER CU, DISS UG/L	01046 IRON FE, DISS UG/L	01056 MANGNESE MN, DISS UG/L	01049 LEAD PB, DISS UG/L	71900 MERCURY HG, TOTAL UG/L	01090 ZINC ZN, DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/29	15 05		2	0	0	40	0.0	0	0.1	10		
73/09/26	13 00		2	0	0	30	0.0	3	0.0	20		
	13 01		1								0.001K	0.001K
73/12/17	13 30		2	0	0	10	0.0	0	0.0	0		
74/03/19	08 30		2	0	2	90	29.0	2	0.0	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDF WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOD 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/29	15 05		2									
73/09/26	13 00		2									
	13 01		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/17	13 30		2									
74/03/19	08 30		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/29	15 05		2		
73/09/26	13 00		2		
	13 01		1	0.003K	0.001K
73/12/17	13 30		2		
74/03/19	08 30		2		

2111210
 0150 FEET DEPTH
 2

DESCRIPTION

WELL OWNER=R D COSTELLO OWNERS #=

WELL LOCATION= SPOKANE COUNTY, SW1/4 SW1/4 SEC 27 T26N R42E

TYPE WELL=DRILLED DEPTH OF WELL= 150FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE= 1710FT DEPTH TO WATER= 90FT DATE MEAS=

AQUIFER=GRAVEL WATER USE=DOMESTIC

REMARKS=USGS WELL #27N2

LAB IDENTIFICATION # = LAB NAME WHICH RAN ANALYSIS ---

- 1=LPA 3=WASH DEPT OF ECOLOGY 5=COMMERCIAL
- 2=USGS 4=WASH DEPT OF HEALTH SERVICES 6=ORE DEPT ENVIRNMTL QUALITY

STANDARD DEPTH VAL DATE 7/2/74

2111210
0150 FEET DEPTH
2

5

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CACO3 MG/L	00902 NC HARD CACO3 MG/L	00410 T ALK CACO3 MG/L	38260 MHAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	00915 MAGNESIUM MAG, DISS MG/L
73/06/29	12 50		2	11.8	7.60	293	140	13	130	0.00	12	36.0	157
73/09/26	15 00		2	12.0	8.10	290	140	10	129	0.04	1	34.0	159
	15 01		1										
73/12/17	10 55		2	11.0	8.30	292	140	17	126	0.02	0	36.0	150
74/03/19	11 30		2	10.8	7.90	291	140	16	125	0.00	0	35.0	162

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSHTION RATIO	00440 HCO3 ION MG/L	00445 CO3 ION MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/29	12 50		2	13.0	1.90	4.00	0.1	159	0		4	0.10
73/09/26	15 00		2	13.0	2.20	4.30	0.2	157	0		4	0.00
	15 01		1									
73/12/17	10 55		2	13.0	2.20	4.60	0.2	154	0	1.2	4	0.20
74/03/19	11 30		2	13.0	2.10	4.20	0.2	152	0	3.1	4	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/29	12 50		2	16	1.200	0.000	0.030	0.030	0.007	0.008	5	1
73/09/26	15 00		2	14	1.100	0.006	0.010	0.120	0.001	0.022	7	0
	15 01		1									
73/12/17	10 55		2	14	0.970	0.003	0.010	0.030	0.013	0.014	4	0
74/03/19	11 30		2	15	1.300	0.001	0.010	0.220	0.006	0.022	2	0

5

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLOEIN WHL SMPL UG/L
73/06/29	12 50		2	0	2	10	0.0	0	0.1	40		
73/09/26	15 00		2	0	0	20	0.0	3	0.0	90		
	15 01		1								0.001K	0.001K
73/12/17	10 55		2	0	2	20	0.0	0	0.0	130		
74/03/19	11 30		2	0	4	30	43.0	1	0.0	160		

[illegible]

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/29	12 50		2		
73/09/26	15 00		2		
	15 01		1	0.003K	0.001K
73/12/17	10 55		2		
74/03/19	11 30		2		

2111210
 0200 ESTD 001110

6

DESCRIPTION

WELL OWNER = INLAND EMPIRE ICE COMPANY . OWNERS # =

WELL LOCATION= SPOKANE COUNTY, NW1/4 NE1/4 SEC 13 T25N R42E

TYPE WELL=DUG DEPTH OF WELL= 200FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE= 1883FT DEPTH TO WATER= FT DATE MEAS=

AQUIFER=GRAVEL WATER USE=INDUSTRIAL

RF ARKS=USGS FELL #1381

LAB IDENTIFICATION # = LAB NAME WHICH RAN ANALYSIS ---

1=FPA 3=WASH DEPT OF ECOLOGY 5=COMMERCIAL

2=DSSG 4=WASH DEPT OF HEALTH SERVICES 6=DRE DEPT ENVIRONMENTAL QUALITY

2111210
00 00 00.0 000 00 00.0
EMPIRE ICE WELL 1
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER
2

2111210
0200 FEET DEPTH

6

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	00200 RESIDU DISS-100 MG/L
73/06/28	15 00		2	12.4	7.40	336	160	17	138	0.00	0	39.0	179
73/09/26	11 40		2	12.0	7.70	335	150	18	135	0.03	1	40.0	168
	11 41		1										
73/12/17	09 30		2	12.0	7.90	388	170	34	135	0.02	0	43.0	210
74/03/20	08 45		2	12.0	7.50	410	180	43	140	0.03	0	47.0	231

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSRTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00900 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/28	15 00		2	14.0	2.30	6.60	0.2	168	0		9	0.10
73/09/26	11 40		2	13.0	2.50	7.00	0.2	165	0		12	0.00
	11 41		1									
73/12/17	09 30		2	12.0	2.80	11.00	0.4	165	0	2.3	24	0.20
74/03/20	08 45		2	16.0	2.80	9.50	0.3	171	0	8.7	24	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/28	15 00		2	16	1.700	0.002	0.010	0.120	0.005	0.006	0	1
73/09/26	11 40		2	16	1.400	0.001	0.010	0.160	0.006	0.006	6	0
	11 41		1									
73/12/17	09 30		2	17	1.300	0.002	0.001	0.070	0.009	0.010	2	0
74/03/20	08 45		2	21	1.600	0.003	0.020	0.250	0.006	0.007	1	0

WASCO, WASH
 00000000000000000000
 EMPIRE ICE WELL
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GROUNDWATER
 2111210
 0200 FEET DEPTH
 2

6

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR, DISS UG/L	01040 COPPER CU, DISS UG/L	01046 IRON FE, DISS UG/L	01056 MANGNESE MN, DISS UG/L	01049 LEAD PB, DISS UG/L	71900 MERCURY HG, TOTAL UG/L	01090 ZINC ZN, DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLDRIN WHL SMPL UG/L
73/06/28	15 00		2	0	2	30	0.0	0	0.0	10		
73/09/26	11 40		2	0	4	110	0.0	4	0.0	20		
	11 41		1								0.001K	0.001K
73/12/17	09 30		2	0	3	30	0.0	0	0.0	30		
74/03/20	08 45		2	0	8	10	140.0	1	0.0	30		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L	T S
73/06/28	15 00		2										
73/09/26	11 40		2										
	11 41		1	0.002K	0.060K	0.001K	0.005	0.001K	0.001K	0.001K	0.015K	0.001K	
73/12/17	09 30		2										
74/03/20	08 45		2										

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/28	15 00		2		
73/09/26	11 40		2		
	11 41		1	0.003K	0.001K
73/12/17	09 30		2		
74/03/20	08 45		2		

WELL IDENTIFICATION
WELL NAME=ACME CONCRETE CO.
WELL NUMBER=14K1
WELL TYPE=DUG
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDS
2 2111210
0083 FEET DEPTH

7

DESCRIPTION

WELL OWNER=ACME CONCRETE CO. OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 14, T25N, R43E

TYPE WELL=DUG DEPTH OF WELL=83 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1932 FT DEPTH TO WATER=44 FT DATE MEAS=JAN 1958

AQUIFER=SPOKANE GRAVEL WATER USE=INDUSTRIAL

REMARKS=USGS # 14K1

2111210
 47 39 50.0 117 20 00.0
 ACME CONCRETE CO.
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GROUNDWATER
 2

2111210
 0083 FEET DEPTH

7

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70400 RESIDUE DISS-180 UG/L
73/06/27	11 25		2	11.6	7.60	235	110	6	107	0.00	2	29.0	120
73/09/25	09 30		2	11.5	8.00	236	120	8	107	0.00	0	30.0	152
	09 31		1										
73/12/17	14 45		2	11.0	8.10	238	120	9	107	0.03	0	30.0	136
74/03/20	08 00		2	10.2	7.80	235	120	16	100		0	30.0	130

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSRTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORINE F, DISS MG/L
73/06/27	11 25		2	10.0	2.00	3.10	0.1	131	0		2	0.00
73/09/25	09 30		2	9.9	1.60	2.40	0.1	131	0		2	0.00
	09 31		1									
73/12/17	14 45		2	10.0	1.70	3.10	0.1	130	0	1.7	2	0.20
74/03/20	08 00		2	9.9	1.60	3.10	0.1	122	0	3.1	2	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/27	11 25		2	12	1.100	0.001	0.010	0.050	0.003	0.012	0	1
73/09/25	09 30		2	11	1.100	0.002	0.010	0.040	0.005	0.008	0	0
	09 31		1									
73/12/17	14 45		2	12	0.900	0.002	0.010	0.020	0.004	0.010	0	0
74/03/20	08 00		2	12	1.100	0.002	0.020	0.120	0.003	0.005	1	0

47 39 50.0 117 20 05.0
ACME CONCRETE CO.
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER

2111210

2

0083 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/27	11 25		2	0	6	50	0.0	4	0.1	10		
73/09/25	09 30		2	0	4	30	0.0	3	0.0	40		
	09 31		1								0.001K	0.001K
73/12/17	14 45		-2	0	3	0	0.0	1	0.0	0		
74/03/20	08 00		2	0	4	20	14.0	1	0.0	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L	T S
73/06/27	11 25		2										
73/09/25	09 30		2										
	09 31		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.002	0.001K	0.015K	0.001K	
73/12/17	14 45		2										
74/03/20	08 00		2										

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	11 25		2		
73/09/25	09 30		2		
	09 31		1	0.005	0.001K
73/12/17	14 45		2		
74/03/20	08 00		2		

2111210
47 60 57.0 117 10 51.0
ORCHARD AVE IRR DIST WELL NO. 2
54 IRRIGATION
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRD AFR 2111210
2 0090 FEET DEPTH

8

DESCRIPTION

WELL OWNER=ORCHARD AVE IRRIGATION DIST WELL OWNERS #=2

WELL LOCATION=SPOKANE COUNTY, SEC 7, T25N, R44E

TYPE WELL=DUG DEPTH OF WELL=090 FT DATE CONSTRUCTED=1949

ALTITUDE LAND SURFACE=1956FT DEPTH TO WATER=55 FT DATE MEAS=May 1951

AQUIFER=SPOKANE GRAVEL WATER USE=PUBLIC SUPPLY

REMARKS=USGS WELL #7C1

25440 TO 18450 51630052
 47 40 57.0 117 17 41.0
 ORCHARD AVE IRR DIST WELL NO. 2
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GRDWATER 2111210
 2 0090 FEET DEPTH

8

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70300 RESIDUE DISS-180 C MG/L
73/06/27	13 05		2	9.2	7.60	309	160	21	144	0.00	0	38.0	169
73/09/25	10 15		2	9.0	8.10	306	150	14	139	0.00	2	35.0	206
	10 16		1										
73/12/18	09 00		2	8.0	8.00	315	160	10	146	0.03	0	36.0	175
74/03/19	14 40		2	9.6	7.70	321	160	16	144	0.00	0	36.0	172

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION MG/L	00445 CO3 ION MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/27	13 05		2	17.0	1.90	3.30	0.1	176	0		2	0.10
73/09/25	10 15		2	16.0	2.00	2.80	0.1	170	0		2	0.00
	10 16		1									
73/12/18	09 00		2	16.0	2.10	4.10	0.1	178	0	2.8	2	0.20
74/03/19	14 40		2	17.0	2.10	3.70	0.1	176	0	5.6	2	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/27	13 05		2	16	0.840	0.000	0.020	0.040	0.007	0.009	6	1
73/09/25	10 15		2	15	0.760	0.002	0.020	0.020	0.011	0.011	1	0
	10 16		1									
73/12/18	09 00		2	15	1.000	0.003	0.010	0.100	0.012	0.016	6	1
74/03/19	14 40		2	16	1.200	0.001	0.010	0.040	0.008	0.014	3	0

25460/011845H 3461002
 47 40 57.0 117 17 41.0
 ORCHARD AVE IRR DIST WELL NO. 2
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GRDWATER 2111210
 2 0090 FEET DEPTH

8

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 AHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/27	13 05		2	0	5	30	0.0	0	0.1	10		
73/09/25	10 15		2	0	2	10	10.0	1	0.0	20		
	10 16		1								0.001K	0.001K
73/12/18	09 00		2	0	3	30	0.0	0	0.0	0		
74/03/19	14 40		2	0	3	20	14.0	1	0.0	30		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	13 05		2									
73/09/25	10 15		2									
	10 16		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	09 00		2									
74/03/19	14 40		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00023 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	13 05		2		
73/09/25	10 15		2		
	10 16		1	0.003K	0.001K
73/12/18	09 00		2		
74/03/19	14 40		2		

57-1-10-117-1-1
 117-1-10-117-1-1
 54-1-10-117-1-1
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GREATER
 2 2111210
 0110 FEET DEPTH

DESCRIPTION

WELL OWNER=WASH. WATER POWER COMPANY WELL OWNERS #=1-3

WELL LOCATION=SPOKANE COUNTY, SEC 13, T25N, R43E

TYPE WELL=DRILLED DEPTH OF WELL=110 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1950 FT DEPTH TO WATER=63 FT DATE MEAS=JUNE '52

AQUIFER=SPOKANE GRAVEL WATER USE=PUBLIC SUPPLY

REMARKS=USGS WELL # 13A1

2111210
 0110 FEET DEPTH
 2

9

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CNDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA,DISS MG/L	10500 RESIDUE DISS-180 C MG/L
73/06/29	10 20		2	10.0	7.70	270	140	12	126	0.00	0	32.0	154
73/09/25	10 45		2	17.0	8.20	265	130	15	119	0.10	0	32.0	170
	10 46		1										
73/12/17	15 30		2	18.5	8.20	261	130	10	119	0.00	0	30.0	140
74/03/22	09 45		2	10.2	7.90	268	140	17	121	0.00	0	32.0	159

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG,DISS MG/L	00935 PTSSIUM K,DISS MG/L	00930 SODIUM NA,DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F,DISS MG/L
73/06/29	10 20		2	14.0	1.80	3.00	0.1	153	0		2	0.10
73/09/25	10 45		2	13.0	1.90	2.70	0.1	145	0		2	0.00
	10 46		1									
73/12/17	15 30		2	13.0	2.00	3.20	0.1	145	0	1.5	1	0.20
74/03/22	09 45		2	14.0	2.20	2.90	0.1	147	0	3.0	2	0.00

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS,DISS UG/L	01025 CADMIUM CD,DISS UG/L
73/06/29	10 20		2	13	0.840	0.000	0.020	0.050	0.007	0.011	29	1
73/09/25	10 45		2	12	1.000	0.003	0.020	0.040	0.005	0.006	5	0
	10 46		1									
73/12/17	15 30		2	12	1.000	0.003	0.010	0.030	0.025	0.031	2	0
74/03/22	09 45		2	13	0.900	0.001	0.030	0.840	0.005	0.007	2	0

2543101WASH 51600001

47 40 05.0 117 18 26.0

WWP. CO. WELL #1-3 1

53 WASHINGTON

PACIFIC NORTHWEST

SPOKANE RIVER BASIN

GROUNDWATER

2111210

2

0110 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR, DISS UG/L	01040 COPPER CU, DISS UG/L	01046 IRON FE, DISS UG/L	01056 MANGNESE MN, DISS UG/L	01049 LEAD PB, DISS UG/L	71900 MERCURY HG, TOTAL UG/L	01090 ZINC ZN, DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/29	10 20		2	0	20	130	0.0	3	0.1	50		
73/09/25	10 45		2	0	30	10	10.0	3	0.0	20		
	10 46		1								0.001K	0.001K
73/12/17	15 30		2	0	50	150	30.0	4	0.0	90		
74/03/22	09 45		2	0	50	60	20.0	17	0.0	70		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDORIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39330 ALDRIN WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L
73/06/29	10 20		2									
73/09/25	10 45		2									
	10 46		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.001K	0.015K
73/12/17	15 30		2									
74/03/22	09 45		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/29	10 20		2		
73/09/25	10 45		2		
	10 46		1	0.003K	0.001K
73/12/17	15 30		2		
74/03/22	09 45		2		

2111210
 0120 FEET DEPTH
 2

DESCRIPTION

WELL OWNER=WASHINGTON WATER POWER CO. WELL OWNERS #1-4

WELL LOCATION=SPOKANE COUNTY, SEC 18, T25N, R44E

TYPE WELL=DRILLED DEPTH OF WELL=120 FT DATE CONSTRUCTED=1953

ALTITUDE LAND SURFACE=1950FT DEPTH TO WATER=62 FT DATE MEAS=SEPT '53

APPLICABLE=SPOKANE GRAVEL WATER USE=PUBLIC SUPPLY

REMARKS=USGS WELL # 1802

25441002WASH 510.00000
 47 40 06.0 117 17 41.0
 WWP CO. WELL #1-4 1
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GRDWATER
 2

2111210
 0120 FEET DEPTH

10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA,DISS MG/L	70300 RESIDUE DISS-180 UG/L
73/06/27	12 30		2	10.6	7.60	282	140	9	129	0.00	2	32.0	150
73/09/25	11 15		2	10.5	8.10	278	140	12	124	0.08	0	33.0	193
	11 16		1										
73/12/18	09 15		2	11.0	8.00	270	130	10	123	0.06	0	32.0	147

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00725 MGNSIUM MG,DISS MG/L	00935 PTSSIUM K,DISS MG/L	00930 SODIUM NA,DISS MG/L	00931 SODIUM ADSORPTION RATIO	00440 HCO3 ION MG/L	00445 CO3 ION MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F,DISS MG/L
73/06/27	12 30		2	14.0	1.80	3.40	0.1	157	0		2	0.00
73/09/25	11 15		2	13.0	1.90	3.20	0.1	151	0		3	0.00
	11 16		1									
73/12/18	09 15		2	13.0	1.90	3.90	0.1	150	0	2.4	2	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MC/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS,DISS UG/L	01025 CADMIUM CD,DISS UG/L
73/06/27	12 30		2	14	1.200	0.000	0.010	0.030	0.005	0.010	2	1
73/09/25	11 15		2	13	1.100	0.002	0.010	0.070	0.006	0.011	2	1
	11 16		1									
73/12/18	09 15		2	12	1.100	0.003	0.010	0.060	0.007	0.010	4	0

WASHINGTON
 47 40 06.0 117 17 41.0
 WWP CO. WELL #1-4
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GROUNDWATER
 2111210
 0120 FEET DEPTH
 2

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR, DISS UG/L	01040 COPPER CU, DISS UG/L	01046 IRON FE, DISS UG/L	01056 MANGNESE MN, DISS UG/L	01049 LEAD PB, DISS UG/L	71900 MERCURY HG, TOTAL UG/L	01090 ZINC ZN, DISS UG/L	39340 BHC WHL SMPL UG/L	39080 DIFLORIN WHL SMPL UG/L
73/06/27	12 30		2	0	6	40	10.0	0	0.0	10		
73/09/25	11 15		2	0	4	20	0.0	1	0.0	40		
	11 16		1								0.001K	0.001K
73/12/18	09 15		2	0	3	10	0.0	0	0.0	0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	12 30		2									
73/09/25	11 15		2									
	11 16		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	09 15		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00029 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	12 30		2		
73/09/25	11 15		2		
	11 16		1	0.003K	0.001K
73/12/18	09 15		2		

47 34 117 1000.0
EDGECLIFF SANITARIUM
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
0088 FEET DEPTH

DESCRIPTION

WELL OWNER=EDGECLIFF SANITARIUM OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 19, T25N, R44E

TYPE WELL=DUG DEPTH OF WELL=88 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=1963FT DEPTH TO WATER=77 FT DATE MEAS=JAN 1938

AQUIFER=SPOKANE GRAVEL WATER USE=INSTITUTIONAL SUPPLY

REMARKS=USGS WELL # 1901

25441201WASH 51610054
47 39 23.0 117 18 05.0
EDGECLIFF SANITARIUM
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2

2111210
0088 FEET DEPTH

11

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	73300 RESIDUE DISS-180 C mg/L
73/06/27	12 45		2	11.9	7.50	369	190	25	161	0.00	0	48.0	211
73/09/26	08 15		2	11.5	7.70	390	180	15	169	0.04	2	49.0	206
	08 16		1										
73/12/18	10 20		2	11.5	7.80	373	180	18	163	0.04	0	48.0	207
74/03/20	08 45		2	11.2	7.70	394	190	18	170	0.08	0	49.0	226

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSRITION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORINE CL MG/L	00950 FLUORINE F, DISS MG/L
73/06/27	12 45		2	16.0	2.40	5.70	0.2	196	0		6	0.10
73/09/26	08 15		2	15.0	2.70	7.00	0.2	206	0		11	0.00
	08 16		1									
73/12/18	10 20		2	15.0	2.70	6.20	0.2	199	0	5.0	6	0.20
74/03/20	08 45		2	16.0	2.80	6.30	0.2	207	0	6.6	7	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/27	12 45		2	14	2.800	0.000	0.040	0.070	0.021	0.023	4	1
73/09/26	08 15		2	13	3.000	0.001	0.010	0.230	0.009	0.025	6	0
	08 16		1									
73/12/18	10 20		2	12	2.600	0.002	0.010	0.070	0.023	0.026	6	0
74/03/20	08 45		2	14	2.200	0.001	0.010	0.130	0.018	0.026	4	0

20441901WASH 00000000
47 39 23.0 117 18 05.0
EDGECLIFF SANITARIUM
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2

2111210
0088 FEET DEPTH

11

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/27	12 45		2	0	8	10	0.0	0	0.1	20		
73/09/26	08 15		2	0	2	30	0.0	4	0.0	10		
	08 16		1								0.001K	0.001K
73/12/18	10 20		2	0	5	10	10.0	0	0.0	10		
74/03/20	08 45		2	0	8	10	36.0	1	0.0	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDF WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	12 45		2									
73/09/26	08 15		2									
	08 16		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	10 20		2									
74/03/20	08 45		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	12 45		2		
73/09/26	08 15		2		
	08 16		1	0.003K	0.001K
73/12/18	10 20		2		
74/03/20	08 45		2		

WATER RESOURCES DIVISION
U.S. GEOLOGICAL SURVEY
Kaiser Aluminum Eastgate Well
53 EASTGATE
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNTER

2111210
0129 FEET DEPTH

12

DESCRIPTION

WELL OWNER=KAISER ALUMINUM COMPANY EASTGATE WELL OWNERS =

WELL LOCATION=SPokane COUNTY, SEC 2, T25N, R44E

TYPE WELL=DRILLED DEPTH OF WELL=129 FT DATE CONSTRUCTED=1942

ALTITUDE LAND SURFACE=2015FT DEPTH TO WATER=79 FT DATE MEAS=MAR 1942

AQUIFER=SPokane GRAVEL WATER USE=INDUSTRIAL

REMARKS=USGS # 201

25440202WASH 53630061
 47 41 18.0 117 12 15.0
 KAISER ALUM EASTGATE WELL
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GROUNDWATER
 2

2111210
 0129 FEET DEPTH

12

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTIVITY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70400 RESIDUE DISS-180 C MG/L
73/06/27	14 35		2	10.2	7.60	336	150	5	146	0.03	7	39.0	175
73/09/25	13 00		2	9.5	7.90	320	150	4	145	0.05	0	40.0	174
	13 01		1										
73/12/18	11 40		2	9.5	7.90	357	170	18	147	0.02	0	43.0	197
74/03/20	11 05		2	9.5	7.50	590	190	28	160	0.10	0	49.0	229

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MAGNESIUM MG, DISS MG/L	00935 POTASSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBITION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/27	14 35		2	13.0	7.50	5.80	0.2	178	0		4	0.10
73/09/25	13 00		2	12.0	6.90	4.50	0.2	177	0		3	0.00
	13 01		1									
73/12/18	11 40		2	14.0	7.10	5.40	0.2	179	0	3.6	7	0.10
74/03/20	11 05		2	16.0	12.00	34.00	1.1	195	0	9.9	60	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/27	14 35		2	12	2.000	0.000	0.010	0.080	0.003	0.008	4	1
73/09/25	13 00		2	11	1.400	0.002	0.010	0.050	0.004	0.004	6	0
	13 01		1									
73/12/18	11 40		2	11	3.100	0.003	0.020	0.060	0.018	0.020	3	0
74/03/20	11 05		2	16	5.400	0.013	0.690	0.910	0.003	0.004	2	0

25440/02WASH 31630001
 47 41 18.0 117 12 15.0
 KAISER ALUM EASTGATE WELL
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GRDWATER
 2

2111210
 0129 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIELDRIN WHL SMPL UG/L
73/06/27	14 35		2	0	9	40	0.0	3	0.0	360		
73/09/25	13 00		2	0	3	20	0.0	5	0.1	60		
	13 01		1								0.001K	0.001K
73/12/18	11 40		2	0	4	60	0.0	0	0.0	80		
74/03/20	11 05		2	30	4	10	0.0	1	0.0	90		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDF WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	14 35		2									
73/09/25	13 00		2									
	13 01		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	11 40		2									
74/03/20	11 05		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	14 35		2		
73/09/25	13 00		2		
	13 01		1	0.007	0.001K
73/12/18	11 40		2		
74/03/20	11 05		2		

STORET RETRIEVAL DATE 74/11/19

25440101WASH 53640060
47 41 55.0 117 10 34.0
SPOKANE IND. PARK WELL #2
53 CASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
2 0160 FEET DEPTH

13

DESCRIPTION

WELL OWNER=SPOKANE INDUSTRIAL PARK OWNERS #=2

WELL LOCATION=SPOKANE COUNTY, SEC 1, T25N, R44E

TYPE WELL=DRILLED DEPTH OF WELL=160 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=2050FT DEPTH TO WATER=64 FT DATE MEAS=May 1951

AQUIFER=SPOKANE GRAVEL WATER USE=INDUSTRIAL

REMARKS=USGS # 1J1

STORET RETRIEVAL DATE 74/11/14

25440101WASH 53630060
47 41 35.0 117 10 34.0
SPOKANE IND PARK WELL #2
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER
2 2111210
0160 FEET DEPTH

13

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70300 RESIDUE DISS-180 C MG/L
73/06/27	15 00		2	10.6	7.70	284	140	5	136	0.00	0	35.0	160
73/09/25	12 30		2	10.5	7.90	297	150	3	143	0.06	0	37.0	160
	12 31		1										
73/12/18	12 20		2	10.0	7.90	325	160	16	148	0.01	0	41.0	177
74/03/20	10 00		2	9.6	7.60	293	140	6	135	0.10	0	35.0	160

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSRTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/27	15 00		2	13.0	1.70	3.60	0.1	166	0		2	0.10
73/09/25	12 30		2	13.0	1.90	3.00	0.1	174	0		1	0.00
	12 31		1									
73/12/18	12 20		2	15.0	2.00	3.90	0.1	181	0	3.6	1	0.20
74/03/20	10 00		2	13.0	1.90	3.30	0.1	164	0	6.6	1	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/27	15 00		2	11	0.810	0.001	0.010	0.050	0.002	0.010	3	0
73/09/25	12 30		2	10	0.710	0.003	0.010	0.030	0.007	0.008	4	0
	12 31		1									
73/12/18	12 20		2	11	2.100	0.002	0.010	0.080	0.008	0.008	4	0
74/03/20	10 00		2	11	0.820	0.001	0.030	0.400	0.003	0.005	3	0

STORET RETRIEVAL DATE 74/11/14

25440101WASH 53630060
47 41 35.0 117 10 34.0
SPOKANE IND PARK WELL #2
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER

2111210
0160 FEET DEPTH

13

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/06/27	15 00		2	0	10	60	0.0	2	0.2	30		
73/09/25	12 30		2	0	16	20	0.0	3	0.0	20		
	12 31		1								0.001K	0.001K
73/12/18	12 20		2	0	2	0	0.0	0	0.0	0		
74/03/20	10 00		2	0	5	10	50.0	1	0.0	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLO 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	15 00		2									
73/09/25	12 30		2									
	12 31		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	12 20		2									
74/03/20	10 00		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	15 00		2		
73/09/25	12 30		2		
	12 31		1	0.003K	0.001K
73/12/18	12 20		2		
74/03/20	10 00		2		

STORET RETRIEVAL DATE 74/11/19

25451601-HASH 53530062
47 39 51.0 117 07 16.0
RUTH JEFFERS WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRAVELLIER 2111210
2 0185 FEET DEPTH

14

DESCRIPTION

WELL OWNER=RUTH JEFFERS

OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 16, T25N, R45E

TYPE WELL=DRILLED DEPTH OF WELL=185 FT DATE CONSTRUCTED=1963

ALTITUDE LAND SURFACE=2070FT DEPTH TO WATER= FT DATE MEAS=

AQUIFER=SPOKANE GRAVEL WATER USE=DOMESTIC

REMARKS=USGS WELL # 16K1

STORET RETRIEVAL DATE 74/11/14

25451601WASH 53630062
47 39 51.0 117 07 16.0
RUTH JEFFERS WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2 2111210
0185 FEET DEPTH

14

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70400 RESIDUE DISS-180 C MG/L
73/06/28	11 30		2	14.1	6.90	780	410	24	386	0.00	1	110.0	445
73/09/25	13 50		2	12.0	7.10	811	440	34	410	0.05	3	120.0	480
	13 51		1										
73/12/18	13 05		2	13.0	7.20	837	440	22	422	0.04	1	120.0	452
74/03/20	12 10		2	12.9	6.90	832	440	15	429	0.10	0	120.0	486

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/28	11 30		2	33.0	3.10	9.70	0.2	471	0		17	0.50
73/09/25	13 50		2	35.0	3.40	10.00	0.2	500	0		16	0.40
	13 51		1									
73/12/18	13 05		2	35.0	3.50	10.00	0.2	514	0	52.0	17	0.60
74/03/20	12 10		2	35.0	3.40	9.30	0.2	523	0	105.0	16	0.50

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/28	11 30		2	12	1.200	0.002	0.020	0.120	0.097	0.098	0	1
73/09/25	13 50		2	11	1.600	0.002	0.020	0.130	0.010	0.095	0	0
	13 51		1									
73/12/18	13 05		2	11	0.930	0.005	0.010	0.110	0.096	0.990	0	0
74/03/20	12 10		2	12	1.000	0.003	0.010	0.180	0.095	0.098	0	0

STORET RETRIEVAL DATE 74/11/14

25451601WASH 53630062
47 39 51.0 117 07 16.0
RUTH JEFFERS WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2

2111210
0185 FEET DEPTH

14

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 RHC WHL SMPL UG/L	39380 DIELDRIN WHL SMPL UG/L
73/06/28	11 30		2	0	13	10	0.0	1	0.2	90		
73/09/25	13 50		2	0	9	10	10.0	6	0.2	200		
	13 51		1								0.001K	0.001K
73/12/18	13 05		2	0	7	0	0.0	1	0.1	170		
74/03/20	12 10		2	0	10	30	0.0	0	0.2	140		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L	1 5
73/06/28	11 30		2										
73/09/25	13 50		2										
	13 51		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K	
73/12/18	13 05		2										
74/03/20	12 10		2										

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/28	11 30		2		
73/09/25	13 50		2		
	13 51		1	0.003K	0.001K
73/12/18	13 05		2		
74/03/20	12 10		2		

STORET RETRIEVAL DATE 74/11/19

25451502WASH 53630041
47 40 13.0 117 06 23.0
HOLIDAY HILLS WELL
53 WASHINGTON
PACIFIC NORTHWEST S
SPOKANE RIVER BASIN
GREATER 2111210
2 0999 FEET DEPTH

15

DESCRIPTION

WELL OWNER= HOLIDAY HILLS OWNERS #=
WELL LOCATION= E 1/2, NE 1/4, NW 1/4, NW 1/4, SECTION 15, T 25N, R45E
ABOUT 1 1/2 MILES NORTH OF LIBERTY LAKE
TYPE WELL= DRILLED DEPTH OF WELL= FT DATE CONSTRUCTED=
3 WASHINGTON DEPT OF ECOLOGY LAB
AQUIFER= WATER USE= PUBLIC SUPPLY

PARAMETERS GIVEN AS DISSOLVED ARE NOT FROM FILTERED SAMPLES

PUBLIC SUPPLY WELL LOCATED IN THE E1/2, NE1/4, NW1/4, NW1/4, SECTION 15,
T25N, R45E, SPOKANE COUNTY. APPROX 1 1/2 MILES NORTH OF LIBERTY LAKE.

STORET RETRIEVAL DATE 74/11/14

25451502WASH 53630041
47 40 13.0 117 06 23.0
HOLIDAY HILLS WELL
53 WASHINGTON
PACIFIC NORTHWEST S
POKANE RIVER BASIN
GRDWATER 2111210
2 0999 FEET DEPTH

15

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIFLORIN WHL SMPL UG/L
73/01/15	10 30								0.2K			
73/06/28	12 25		2	0	3	10	10.0	1	0.1	10		
73/09/25	14 30		2	0	6	10	0.0	2	0.0	50		
	14 31		1								0.001K	0.001K
73/12/18	13 45		2	0	3	0	0.0	0	0.0	0		
74/03/20	12 55		2	0	5	20	7.0	1	0.1	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/28	12 25		2									
73/09/25	14 30		2									
	14 31		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	13 45		2									
74/03/20	12 55		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/28	12 25		2		
73/09/25	14 30		2		
	14 31		1	0.003K	0.001K
73/12/18	13 45		2		
74/03/20	12 55		2		

STORET RETRIEVAL DATE 74/11/14

25451502WASH 53630041
47 40 13.0 117 06 23.0
HOLIDAY HILLS WELL
53 WASHINGTON
PACIFIC NORTHWEST S
POKANE RIVER BASIN
GRDWATER
2 2111210
0999 FEET DEPTH

15

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70300 RESIDUE DISS-180 C MG/L
73/06/28	12 25		2	12.0	7.60	266	120	1	116	0.00	0	32.0	158
73/09/25	14 30		2	12.0	8.10	259	120	12	111	0.04	4	35.0	157
	14 31		1										
73/12/18	13 45		2	12.0	8.10	263	120	16	107	0.02	0	35.0	154
74/03/20	12 55		2	11.8	7.80	242	120	14	102		0	33.0	143

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F, DISS MG/L
73/06/28	12 25		2	8.9	1.80	4.40	0.2	141	0		2	0.10
73/09/25	14 30		2	8.7	1.90	3.90	0.2	135	0		2	0.10
	14 31		1									
73/12/18	13 45		2	8.8	2.00	4.40	0.2	131	0	1.7	3	0.20
74/03/20	12 55		2	8.2	1.80	4.50	0.2	124	0	3.1	3	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/28	12 25		2	12	2.800	0.000	0.030	0.060	0.021	0.021	5	1
73/09/25	14 30		2	11	1.500	0.002	0.010	0.050	0.022	0.023	6	0
	14 31		1									
73/12/18	13 45		2	11	2.000	0.002	0.010	0.040	0.073	0.073	5	0
74/03/20	12 55		2	8	1.300	0.002	0.030	0.560	0.021	0.023	2	0

STORET RETRIEVAL DATE 74/11/19

26453201WASH 53630055
47 42 37.0 117 04 58.0
CONSOLIDATED IRR DIST WELL # 10A
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDAFER 2111210
2 0232 FEET DEPTH

16

DESCRIPTION

WELL OWNER=CONSOLIDATED IRRIGATION DIST. WELL : OWNERS #=10A

WELL LOCATION=SPOKANE COUNTY, SEC 35, T26N, R45E

TYPE WELL=DRILLED DEPTH OF WELL=232 FT DATE CONSTRUCTED=1964

ALTITUDE LAND SURFACE=2083FT DEPTH TO WATER=121 FT DATE MEAS=OCT 1964

AQUIFER=SPOKANE GRAVEL WATER USE=PUBLIC SUPPLY

REMARKS=USGS WELL # 35F1

STORET RETRIEVAL DATE 74/11/14

26453501WASH 53630055
 47 42 37.0 117 04 58.0
 CONSOLIDATED IRR DIST WELL # 10A
 53 WASHINGTON
 PACIFIC NORTHWEST
 SPOKANE RIVER BASIN
 GRDWATER 2111210
 2 0232 FEET DEPTH

16

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIELDRIN WHL SMPL UG/L
73/06/28	13 15		2	0	3	110	0.0	0	0.1	30		
73/09/25	15 00		2	0	5	30	10.0	11	0.0	30		
	15 01		1								0.001K	0.001K

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/28	13 15		2									
73/09/25	15 00		2									
	15 01		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/28	13 15		2		
73/09/25	15 00		2		
	15 01		1	0.003K	0.001K

STORET RETRIEVAL DATE 74/11/14

26453501WASH 53630055
47 42 37.0 117 04 58.0
CONSOLIDATED IRR DIST WELL # 10A
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
2 0232 FEET DEPTH

16

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIELDRIN WHL SMPL UG/L
73/06/28	13 15		2	0	3	110	0.0	0	0.1	30		
73/09/25	15 00		2	0	5	30	10.0	11	0.0	30		
	15 01		1								0.001K	0.001K

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/28	13 15		2									
73/09/25	15 00		2									
	15 01		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/28	13 15		2		
73/09/25	15 00		2		
	15 01		1	0.003K	0.001K

STORET RETRIEVAL DATE 74/11/19

26453601WASH 53630056
47 42 10.0 117 04 05.0
G. N. SIVERSON WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
2 0145 FEET DEPTH

17

DESCRIPTION

WELL OWNER=G. N. SIVERSON WELL OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 36, T26N, R45E

TYPE WELL=DRILLED DEPTH OF WELL=145 FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=2077FT DEPTH TO WATER= FT DATE MEAS=

AQUIFER=SPOKANE GRAVEL WATER USE=DOMESTIC

REMARKS=USGS WELL # 36N1

STORET RETRIEVAL DATE 74/11/14

26453601WASH 53630056

47 42 10.0 117 04 05.0

G. N. SIVERSON WELL

53 WASHINGTON

PACIFIC NORTHWEST

SPOKANE RIVER BASIN

GRDWATER

2111210

0145 FEET DEPTH

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CNDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA, DISS MG/L	70300 RESIDUE DISS-180 C MG/L
73/06/28	13 45		2	9.6	7.40	296	150	7.1	141	0.00	1	33.0	139
73/09/26	10 30		2	9.0	7.90	301	150	6	144	0.00	1	34.0	150
	10 31		1										
73/12/18	15 45		2	9.0	8.20	305	160	14	142	0.00	1	36.0	160

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG, DISS MG/L	00935 PTSSIUM K, DISS MG/L	00930 SODIUM NA, DISS MG/L	00931 SODIUM ADSBITION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORINE F, DISS MG/L
73/06/28	13 45		2	16.0	1.90	2.80	0.1	172	0		1	0.10
73/09/26	10 30		2	16.0	2.00	2.90	0.1	176	0		1	0.00
	10 31		1									
73/12/18	15 45		2	16.0	2.10	2.80	0.1	173	0	1.7	1	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS, DISS UG/L	01025 CADMIUM CD, DISS UG/L
73/06/28	13 45		2	13	0.620	0.001	0.090	0.090	0.001	0.014	0	3
73/09/26	10 30		2	14	0.870	0.001	0.030	0.090	0.004	0.005	5	0
	10 31		1									
73/12/18	15 45		2	13	0.770	0.006	0.060	0.040	0.006	0.023	7	

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STORET RETRIEVAL DATE 74/11/14

26453601WASH 53630056
47 42 10.0 117 04 05.0
G. N. SIVERSON WELL |
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2111210
2 0145 FEET DEPTH

17

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 BHC WHL SMPL UG/L	39380 DIELDRIN WHL SMPL UG/L
73/06/28	13 45		2	0	70	2400	30.0	45	0.1	560		
73/09/26	10 30		2	0	29	550	0.0	11	0.0	250		
	10 31		1								0.001K	0.001K
73/12/18	15 45		2	0		1500	30.0		0.0	460		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCOR 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/28	13 45		2									
73/09/26	10 30		2									
	10 31		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	15 45		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/28	13 45		2		
73/09/26	10 30		2		
	10 31		1	0.003K	0.001K
73/12/18	15 45		2		

STORET RETRIEVAL DATE 74/11/19

26453602 WASH 53630057
47 42 05.0 117 03 25.0
CARL BARDEN WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GROUNDWATER 2111210
2 0999 FEET DEPTH

18

DESCRIPTION

WELL OWNER=CARL BARDEN WELL

OWNERS #=

WELL LOCATION=SPOKANE COUNTY, SEC 36, T26N, R45E

TYPE WELL=DRILLED DEPTH OF WELL= FT DATE CONSTRUCTED=

ALTITUDE LAND SURFACE=2083FT DEPTH TO WATER=110 FT DATE MEAS=NOV 1951

AQUIFER=SPOKANE GRAVEL WATER USE=STOCK SUPPLY

REMARKS=USGS # 3601

STORET RETRIEVAL DATE 74/11/14

26453602WASH 53630057
47 42 05.0 117 03 25.0
CARL BARDEN WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER
2

2111210
0999 FEET DEPTH

18

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00010 WATER TEMP CENT	00400 PH SU	00095 CONDUCTVY AT 25C MICROMHO	00900 TOT HARD CAC03 MG/L	00902 NC HARD CAC03 MG/L	00410 T ALK CAC03 MG/L	38260 MBAS MG/L	32730 PHENOLS TOTAL UG/L	00915 CALCIUM CA,DISS MG/L	70300 RESIDUE DISS-180 C MG/L
73/06/27	15 20		2	11.0	7.80	274	140	9	129	0.00	0	32.0	148
73/09/26	09 45		2	11.0	7.90	274	140	7	130	0.03	2	32.0	155
	09 46		1										
73/12/18	14 55		2	11.0	8.00	279	140	11	129	0.00	0	33.0	176

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00925 MGNSIUM MG,DISS MG/L	00935 PTSSIUM K,DISS MG/L	00930 SODIUM NA,DISS MG/L	00931 SODIUM ADSBTION RATIO	00440 HCO3 ION HCO3 MG/L	00445 CO3 ION CO3 MG/L	00405 CO2 MG/L	00940 CHLORIDE CL MG/L	00950 FLUORIDE F,DISS MG/L
73/06/27	15 20		2	14.0	1.90	2.70	0.1	157	0		2	0.10
73/09/26	09 45		2	14.0	2.00	3.00	0.1	159	0		2	0.00
	09 46		1									
73/12/18	14 55		2	14.0	2.20	3.00	0.1	157	0	2.5	2	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	00945 SULFATE SO4-TOT MG/L	00620 NO3-N TOTAL MG/L	00615 NO2-N TOTAL MG/L	00610 NH3-N TOTAL MG/L	00625 TOT KJEL N MG/L	00671 PHOS-DIS ORTHO MG/L P	00665 PHOS-TOT MG/L P	01000 ARSENIC AS,DISS UG/L	01025 CADMIUM CD,DISS UG/L
73/06/27	15 20		2	13	1.000	0.000	0.040	0.050	0.002	0.004	4	0
73/09/26	09 45		2	12	1.000	0.004	0.020	0.060	0.005	0.008	31	0
	09 46		1									
73/12/18	14 55		2	11	0.940	0.002	0.010	0.030	0.009	0.009	6	0

STORET RETRIEVAL DATE 74/11/14

26453602WASH 53630057
47 42 05.0 117 03 25.0
CARL BARDEN WELL
53 WASHINGTON
PACIFIC NORTHWEST
SPOKANE RIVER BASIN
GRDWATER

2111210
0999 FEET DEPTH

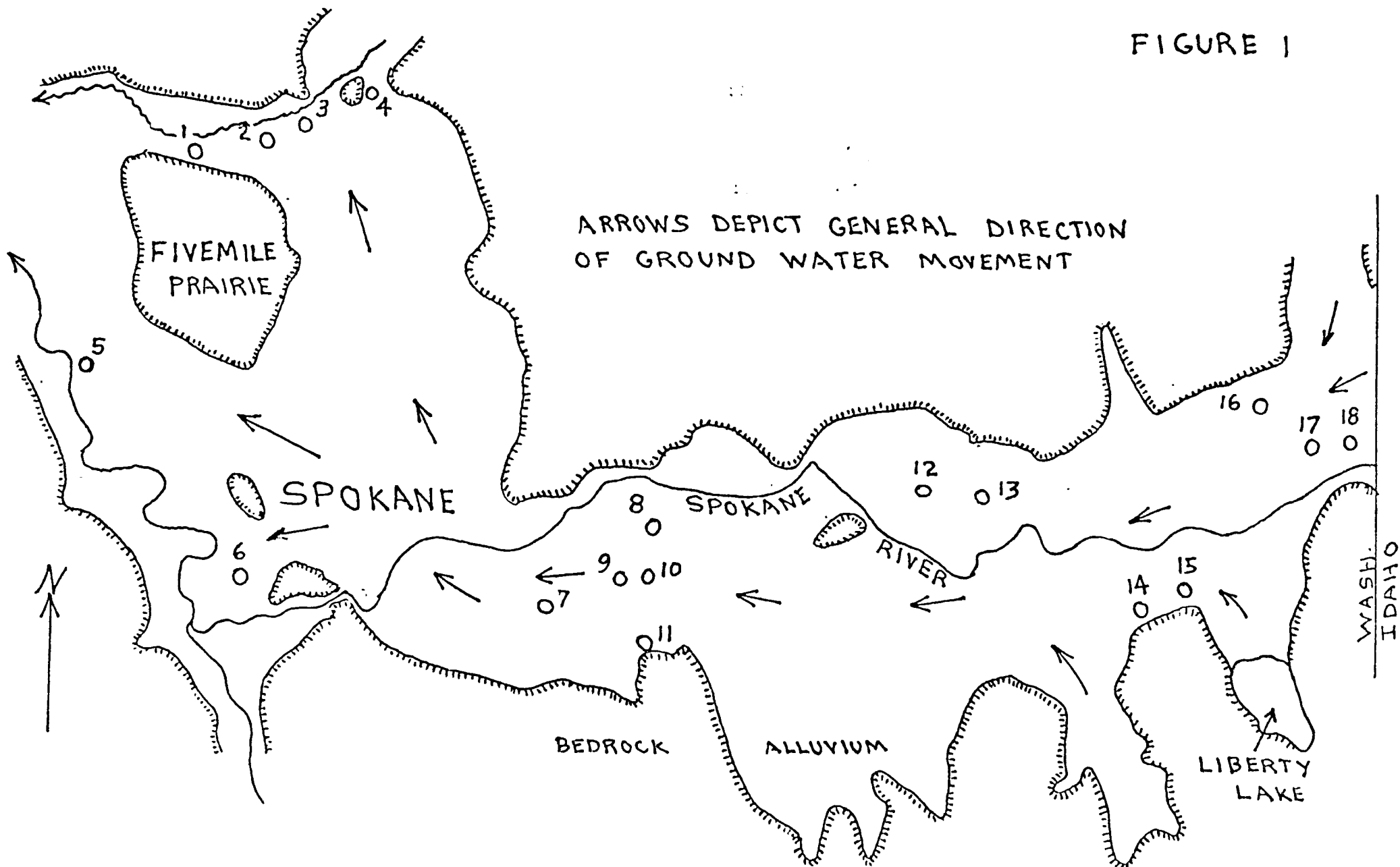
DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	01030 CHROMIUM CR,DISS UG/L	01040 COPPER CU,DISS UG/L	01046 IRON FE,DISS UG/L	01056 MANGNESE MN,DISS UG/L	01049 LEAD PB,DISS UG/L	71900 MERCURY HG,TOTAL UG/L	01090 ZINC ZN,DISS UG/L	39340 RHC WHL SMPL UG/L	39380 DIELDRIN WHL SMPL UG/L
73/06/27	15 20		2	0	9	50	0.0	2	0.0	120		
73/09/26	09 45		2	0	1	60	0.0	4	0.0	120		
	09 46		1								0.001K	0.001K
73/12/18	14 55		2	0	4	60	0.0	0	0.0	160		

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39390 ENDRIN WHL SMPL UG/L	39400 TOXPHENE WHL SMPL UG/L	39410 HCHLR WHL SMPL UG/L	39350 CHLRDANE WHL SMPL UG/L	39360 DDD WHL SMPL UG/L	39365 DDE WHL SMPL UG/L	39782 LINDANE WHL SMPL UG/L	39508 AROCLO 1260 UG/L	39330 ALDRIN WHL SMPL UG/L
73/06/27	15 20		2									
73/09/26	09 45		2									
	09 46		1	0.002K	0.060K	0.001K	0.005K	0.001K	0.001K	0.001K	0.015K	0.001K
73/12/18	14 55		2									

DATE FROM TO	TIME OF DAY	DEPTH FEET	00028 ANALYZE AGENCY CODE	39370 DDT WHL SMPL UG/L	39420 HCHLR-EP WHL SMPL UG/L
73/06/27	15 20		2		
73/09/26	09 45		2		
	09 46		1	0.003K	0.001K
73/12/18	14 55		2		

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FIGURE 1



MAP OF SPOKANE AREA SHOWING GROUND-WATER MONITORING STATIONS